



ELECTRONIC TUBE REFERENCE

5852

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Full-wave high-vacuum rectifier for AC power-supply service. Its indirectly heated construction provides useful inverse-voltage and current capability in a compact heater-cathode design.

GENERAL CHARACTERISTICS

BASE DESIGNATION	6S	BASE PINS	6
NOMINAL HEATER	6.3 V / 1.2 A	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

6S - TERMINAL PINOUT

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 – IS	A	IS – Internal Screen	CONNECTED
PIN2 – H	–	H – Heater	CONNECTED
PIN3 – 2P	A	P – Plate (Anode)	CONNECTED
PIN5 – 1P	A	P – Plate (Anode)	CONNECTED
PIN7 – H	–	H – Heater	CONNECTED
PIN8 – K	A	K – Cathode	CONNECTED

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	1375 V
NOMINAL OUTPUT CURRENT	65 mA
PEAK FORWARD CURRENT	270 mA
<i>Promoted from clearly identified printed ratings/characteristics; additional published operating points, capacitances, and specialized ratings retained in TUBE_SECTION_PARAMETER.</i>	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	1375 V
NOMINAL OUTPUT CURRENT	65 mA
PEAK FORWARD CURRENT	270 mA
<i>Second physical rectifier section; electrical properties populated from applicable published ratings.</i>	

Full-wave high-vacuum rectifier with a 6.3 V heater for AC power-supply service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

Published test conditions and operating points. Values on this page are preserved as reported by this source.

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC output current maximum	65 mA	FullWave
Peak inverse voltage maximum	1375 V	FullWave
RMS supply voltage per plate	300 V	FullWave
Peak current per plate maximum	270 mA	FullWave

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC output current maximum	65 mA	FullWave
Peak inverse voltage maximum	1375 V	FullWave
RMS supply voltage per plate	300 V	FullWave
Peak current per plate maximum	270 mA	FullWave

TUBE TINKER

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